



566.43481VC5

IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): N. FUKUTOMI, et al.  
Appln. No.: 10/705,706  
Filed: November 10, 2003  
For: FABRICATION PROCESS OF SEMICONDUCTOR PACKAGE  
AND SEMICONDUCTOR PACKAGE  
Group: 2813  
Examiner: L. Schillinger  
Conf. No.: 5226

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 AND 1.98**

**Mail Stop: AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 9, 2005

Sir:

Pursuant to Applicants' duty of disclosure, enclosed please find copies of Office Actions from the Japanese Patent Office in connection with corresponding Japanese patent applications. Also enclosed are English translations of these Office Actions, and copies of documents cited in these Office Actions. Further enclosed are English abstracts of various of the cited documents, and an English-language equivalent (No. WO/04316 for JP 63-503261). Also enclosed is a Form PTO/SB/08A and B, listing the enclosed documents.

This Information Disclosure Statement is being submitted subsequent to a first Office Action on the merits in the above-identified application, but prior to a Final Office Action or issuance of a Notice of Allowance, or issuance of any other action closing prosecution on the merits in the above-identified application. For satisfying requirements of 37 CFR 1.97(c), the following Statement is made under 37 CFR 1.97(e):

Noting 37 CFR 1.7, in connection with time for taking  
action where expiration is on a Saturday, Sunday or

holiday, each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

To the extent that the enclosed documents are not in English, it is respectfully submitted that requirements of 37 CFR 1.98(a)(3) are satisfied by English translations of the respective Office Actions, and/or by English abstracts of the cited documents and/or the corresponding English-language document.

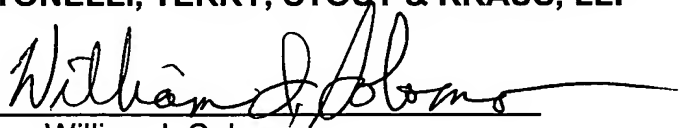
In view of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR 1.97 and 1.98 have been satisfied, in connection with each of the documents listed on the enclosed Form. Accordingly, consideration of the listed documents, upon further examination of the above-identified, is respectfully requested.

Please charge any shortage in fees due in connection with the filing of this paper to the Antonelli, Terry, Stout & Kraus, LLP Deposit Account No. 01-2135 (Docket No. 566.43481VC5), and please credit any excess fees to such Deposit Account.

Respectfully submitted,

**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

By



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PTO/SB/08A (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i> <b>May 9, 2005</b>		<b>Complete if Known</b>	
		Application Number	10/705,706
		Filing Date	11/10/2003
		First Named Inventor	N. FUKUTOMI
		Art Unit	2813
		Examiner Name	L. Schillinger
Sheet 1 of 2	Attorney Docket Number	566.43481VC5	

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US-				
		US-				
		US-				
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		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 04-241445	08/1992	M. Chatani		A
		JP 04-180244	06/1992	T. Ofusa, et al.		A
		JP 61-177759	08/1986	T. Okinaga, et al.		A
		WO 87/04316	06/1987	B. Freyman, et al.		
		JP 63-503261	11/1988			
		JP 03-178152	08/1991	S. Higuchi		A
		JP 05-082667	04/1993	K. Miyake, et al.		A
		JP 62-23091	10/1987			
		JP 64-089595	04/1989	A. Kida, et al.		A

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
		Application Number	10/705,706
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>May 9, 2005</b> <i>(use as many sheets as necessary)</i>		Filing Date	11/10/2003
		First Named Inventor	N. FUKUTOMI
		Group Art Unit	2813
		Examiner Name	L. Schillinger
		Attorney Docket Number	566.43481VC5
Sheet	2	of	2

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Japanese Office Action, for Japanese Patent Application No. 2004-160856, dispatched February 8, 2005, w/English translation.	
		Japanese Office Action, for Japanese Patent Application No. 2004-160857, dispatched March 15, 2005, w/English translation.	
		Japanese Office Action, for Japanese Patent Application No. 2004-160858, dispatched February 8, 2005, w/English translation.	
		Japanese Office Action, for Japanese Patent Application No. 2004-160860, dispatched February 8, 2005, w/English translation.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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